

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A seat comprising:

a seat frame including a sitting portion frame and a back portion frame;

a planar tension structure attached to the sitting portion frame or the back portion frame; and

an elastic supporting structure that supports the planar tension structure between the sitting portion frame or the back portion frame and the planar tension structure such that directions of tensions acting on the planar tension structure extend continuously in three dimensions.

Claim 2 (Previously Presented): The seat of claim 1, wherein the tensions acting on the planar tension structure include a first tension which two-dimensionally supports the planar tension structure, and a pseudo normal line direction force, the pseudo normal line direction force being a force in a direction intersecting the first tension.

Claim 3 (Original): The seat of claim 2, wherein a direction of the pseudo normal line direction force is a direction along a vertical plane including a front-rear direction of the seat.

Claim 4 (Previously Presented): The seat of claim 1, wherein a front end of the planar tension structure is fixed to the sitting portion frame, and wherein the elastic supporting structure includes a first elastic member which, at a time of sitting, pulls a rear end of the planar tension structure rearward while moving the rear end forward.

Claim 5 (Previously Presented): The seat of claim 1, wherein the elastic supporting structure includes a second elastic member which is provided between the sitting portion frame and the planar tension structure, and which, at a time of sitting, pulls downward on the planar tension structure in locations corresponding to vicinities of beneath ischial tuberosities of a seated person.

Claim 6 (Previously Presented): The seat of claim 5, wherein the second elastic member pulls the planar tension structure such that maximum flexing at the time of sitting occurs rearward of a central portion of the planar tension structure in a front-rear direction at the time of sitting.

Claim 7 (Previously Presented): The seat of claim 1, wherein the elastic supporting structure includes a third elastic member which is provided between the sitting portion frame and the planar tension structure, and which, at a time of sitting, pulls portions at outer sides of a pelvis of a seated person rearward at a rear end of the planar tension structure.

Claim 8 (Previously Presented): The seat of claim 1, wherein the elastic supporting structure is provided between the sitting portion frame and the planar tension structure, and, at a time of sitting, urges downward a portion of the planar tension structure that is located further rearward with respect to a front-rear direction than a central portion of the planar tension structure, and urges upward a portion of the planar tension structure that is located further forward with respect to a front-rear direction than the central portion of the planar tension structure.

Claim 9 (Previously Presented): The seat of claim 1, wherein the planar tension structure is attached to the back portion frame, and

the elastic supporting structure pulls a first end portion of the planar tension structure forward and pulls a second end portion of the planar tension structure rearward, the first end portion and the second end portion being located at different positions on the planar tension structure with respect to a heightwise direction.

Claim 10 (Previously Presented): The seat of claim 9, wherein the planar tension structure is structured so as to make integral a three-dimensional tension structure of a front surface side and a two-dimensional tension structure of a rear surface side, at least at a substantially central portion in a left-right direction, and

the elastic supporting structure pulls one end portion of the two-dimensional tension structure forward, and pulls another end portion of the three-dimensional tension structure rearward.

Claim 11 (Previously Presented): The seat of claim 9, further comprising:
a supporting plate disposed so as to be able to rotate rearward, at a position substantially corresponding to a pelvis of a seated person; and

a tension adjusting mechanism that mitigates top-bottom direction tension of the planar tension structure in accordance with an amount of movement when the supporting plate is rotated rearward.

Claim 12 (Previously Presented): A seat comprising:

a seat frame having a sitting portion frame and a back portion frame;

a cushion material including a two-dimensional knit fabric or a three-dimensional solid knit fabric stretched at the sitting portion frame or the back portion frame; and

a tension adjusting mechanism that adjusts tension such that force in a pushing direction occurs at a region of the cushion material that a specific region of a human body pushes at a time of sitting.

Claim 13 (Previously Presented): The seat of claim 12, wherein the tension adjusting mechanism includes a connecting member which connects the seat frame and a portion of the cushion material corresponding to the region that the specific region of the human body pushes, and which functions as an elastic member which generates tensile force at the time of sitting.

Claim 14 (Previously Presented): The seat of claim 13, further comprising an urging member which urges, in a direction opposite to the pushing direction by the human body at the time of sitting, a region of the cushion material that is other than a region which is pulled by the connecting member.

Claim 15 (Previously Presented): The seat of claim 14, wherein the urging member includes a compression spring which is disposed beneath the cushion material at the sitting portion frame or rearward of the cushion material at the back portion frame.

Claim 16 (Previously Presented): The seat of claim 14, wherein the urging member includes an extension spring which connects the sitting portion frame or the back portion frame and the cushion material.

Claim 17 (Previously Presented): A seat comprising:

a sitting portion frame;

a cushion material including a lower layer portion stretched in a front-rear direction on the sitting portion frame, and a surface layer portion layered on the lower layer portion and stretched on the sitting portion frame; and

a tension adjusting mechanism that connects connection positions of the lower layer portion in vicinities of beneath ischial tuberosities of a seated person to portions of the sitting portion frame that are lower than the connection positions,

wherein the tension adjusting mechanism generates tensile force at a time of sitting.

Claim 18 (Previously Presented): A seat comprising:

a back portion frame;

a cushion material including a lower layer portion stretched on the back portion frame at a portion corresponding to a region between a lower side of shoulder blades and a lumbar vertebrae region of a seated person, and a surface layer portion layered on the lower layer portion and stretched on the back portion frame; and

a tension adjusting mechanism that connects at least one connection position of the lower layer portion that is located further upward than beneath the shoulder blades and a connection position further downward than the lumbar vertebrae region to the back portion frame,

wherein the tension adjusting mechanism generates tensile force which pulls the lower layer portion rearward at a time of sitting.

Claim 19 (Previously Presented): A seat comprising:

a seat frame that includes a fixed frame, and a movable frame provided at a rear portion of the fixed frame so as to be able to move in a front-rear direction;

a cushion material that includes a cloth spring material with a front end portion that is anchored at the fixed frame and a rear end portion is anchored at the movable frame, and a surface layer portion layered on the cloth spring material and stretched on the fixed frame;

an urging member provided between the fixed frame and the movable frame, and, at a time of sitting, that urges the movable frame rearward and adds tension to the cloth spring material; and

a tension adjusting mechanism that connects connection positions which are at the cloth spring material and that are in vicinities of beneath ischial tuberosities of a seated person and that are further outward and rearward than beneath the ischial tuberosities to portions of the fixed frame that are further rearward and downward than the connection positions,

wherein the tension adjusting mechanism generates tensile force at the time of sitting.

Claim 20 (Original): The seat of claim 19, wherein a pushing member, which pushes the cloth spring material from a lower side at the time of sitting, is provided further forward than a front-rear direction central portion of the cloth spring material.

Claim 21 (Previously Presented): The seat of claim 20, wherein the pushing member includes a pushing plate which is formed in a rectangular shape that includes a width of substantially 100 mm and that is disposed in a left-right direction of the seat and that includes a rear end portion that is positioned from 250 mm to 350 mm forward of the connection positions, and an elastic member which is provided between the pushing plate and the fixed frame.

Claim 22 (Previously Presented): The seat of any one of claims 17 through 19, wherein, the surface layer portion includes portions between a central portion in a left-right direction which support the seated person and both end portions in the left-right direction, and which elongate in a left-right direction more easily than the central portion and the both end portions.

Claim 23 (Previously Presented): The seat of claim 22, wherein the portions between the central portion in the left-right direction and both end portions in the left-right direction include elastic members which elongate more easily than the central portion and the both end portions.

Claim 24 (Original): The seat of claim 23, wherein the elastic members include a three-dimensional solid knit fabric.

Claim 25 (Previously Presented): The seat of claim 23, wherein left-right direction widths of the elastic members vary continuously along a front-rear direction of the sitting portion frame or a top-bottom direction of the back portion frame.